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Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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45219

12/18/2006

KUNZLER & ASSOCIATES 8 EAST BROADWAY SUITE 600 SALT LAKE CITY, UT 84111



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(Depositor's name	
(Signature	
(Date	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/608 826	06/26/2003	William W. Buchanan JR.	RPS9-2003-0095	8068

TITLE OF INVENTION: APPARATUS METHOD AND SYSTEM FOR ALTERNATE CONTROL OF A RAID ARRAY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/19/2007
EXAM	1INER	ART UNIT	CLASS-SUBCLASS	d3/14/2607 M	AHRED2 00000077 50	0563 10608826
VO, THA	NH DUC	2189	711-114000	01 FC:1501	1400.00 DA	
Address form PTO/S	oondence address (or Cha B/122) attached. dication (or "Fee Address 02 or more recent) attac	ange of Correspondence	or agents OR, alternation	o 3 registered patent attornively, le firm (having as a membragent) and the names of unneys or agents. If no names of unneys or agents.	per a 2	+Associate
(A) NAME OF ASSI Internation Machines	ignee onal Bubin corporatio	e 85	Armonk, N	and STATE OR COUNT	ΓRY)	_
	are submitted: No small entity discount # of Copies	permitted)	b. Payment of Fee(s): (Plead	ase first reapply any pre rd. Form PTO-2038 is att y authorized to charge the osit Account Number 50	ached.	
NOTE: The Issue Fee at	ns SMALL ENTITY star	tus. See 37 CFR 1.27.	ed from anyone other than	nger claiming SMALL EN the applicant; a registered		
interest as shown by the	records of the United St	ates Patent and Trademar	k Office.			<u> </u>

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Registration No. 38, 527

Brian

Authorized Signature

Typed or printed name _



PATENT Docket No.RPS920030095US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

WILLIAM W. BUCHANAN JR.

SERIAL NO.:

10/608,826

FILING DATE:

JUNE 26, 2003

TITLE:

APPARATUS, METHOD AND SYSTEM FOR ALTERNATE

CONTROL OF RAID ARRAY

EXAMINER:

THANH DUC VO

GROUP ART UNIT:

2189

ATTY. DKT. No.:

RPS920030095US1

MAIL STOP ISSUE FEE COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

TRANSMITTAL OF THE PAYMENT OF ISSUE FEE

Sir:

The enclosed Payment of the Issue Fee Due is submitted herewith pursuant to 37 C.F.R. § 1.67 and M.P.E.P. § 603.01 for filing in the matter of the United States patent application as hereinabove identified. A duplicate copy of this sheet is enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Commissioner of Patents December 28, 2006 Page 2

Respectfully Submitted, Brian C. Kunzler

Brian C. Kunzler Reg. No. 38,527

Attorney for Applicant

Date: December 28, 2006

Brian C. Kunzler 8 East Broadway, Suite 600 Salt Lake City, Utah 84111 Telephone: 801/994-4646



CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

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Respectfully submitted,

Transmitted: Transmittal of Payment of Issue Fee.

ease type a plus sign (+) inside this box → + nder the Paperwork Reduction Act of 1995, no persons are required to respond to		PTO/SB/05 (12/97) Approved for use through 9/30/05. OMB 0651-0032 d Trademark Office: U.S. DEPARTMENT OF COMMERCE tys a valid OMB control number.	
	Complete If Known		
FEE TRANSMITTAR PE	Application Number	10/608,826	
FEE IRANSIVIII JAL	Filing Date	June 26, 2003	
MAŘ 1 3 200	First Named Inventor	William W. Buchanan Jr.	
Note: Effective October 1, 2004	Froup Art Unit	2189	
Patent fees are subject to annual revis	Examiner Name	Thanh Duc Vo	
TOTAL AMOUNT OF PAYMENT \$ 1705	Attorney Docket Number	RPS920030095US1	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge		DITIONA	L FEE	s		
indicated fees and credit any over payments to:	Large	Entity	Small	Entity	•	
Deposit Account Number: 50-0563	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Name: IBM CORPORATION	1051	130	2051	65	Surcharge - late filing fee or oath	
Charge Any Additional Charge the Issue Fee	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Fee Required Under In 37 CFR at the Mailing of the Notice of Allowance	1053	130	1053	130	Non-English specification	
5. 5	1812	2520	1812	2520	For filing a request for reexamination	
2. Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Check ☐ Money Order ☐ Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	120	2251	60	Extension for reply within first month	
1. FILING FEE	1252	450	2252	225	Extension for reply within second month	
	1253	1020	2253	510	Extension for reply within third month	
Large Entity Small Entity	1254	1530	2254	765	Extension for reply within fourth month	
Fee Fee Fee Fee Description Fee Paid	1255	2160	2255	1080	Extension for reply within fifth month	
Code (\$) Code (\$)	1401	500	2401	250	Notice of Appeal	
1011 300 2011 150 Utility filing fee	1402	500	2402	250	Filing a brief in support of an appeal	
1111 500 2111 250 Utility search fee	1403	1000	2403	500	Request for oral hearing	
1311 200 2311 100 Utility examination fee	1451	1510	1451	1510	· • • • • • • • • • • • • • • • • • • •	<u> </u>
1084 250 2004 125 Utility size fee for each additional 50 over 100	1452	110	2452	55	Petition to revive -unavoidably	
1005 200 2005 100 Provisional filing fee	1453	1370	2453	685	Petition to revive - unintentional	
SUBTOTAL (1) \$ 0	1501	14000	2501	700	Utility issue fee	1400
2. CLAIMS Fee from	. 1502	800	2502	400	Design issue fee	
Extra below Fee Paid	1503	1100	2503	550	Plant issue fee	
Total Claims	1460	130	1460	130	Petitions to the Commissioner	
Ind. Claims - 3 = 0 x 100 =	1807	50	1807	50	Petitions related to provisional applications	
Multiple Dep. Claims 0 x 380 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	. 8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Fee Fee Fee Fee Description Code (\$) Code (\$)	1801	790	2801	395	Request for continued examination (RCE) (37 CFR 1.114)	
1202 50 2202 25 Claims in excess of 20 1201 200 2201 100 Independent claims in excess of 3	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 380 2203 180 Multiple dependent claim	1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1204 200 2204 100 Reissue independent claims over original patent 1205 50 2205 25 Reissue claims in excess of 20 and	Printed (Fee: 3.00 each lar service delivery by USPS, UPSTO Box, or	3
over original patent	Other fee	e (specify)	Publica	ition Fee_		300
SUBTOTAL (2) 0	*Reduce	d by Basic	Filing Fe	В	SUBTOTAL (3)	1703

SUBMITTED BY			Complete (if applicable)		
Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527
Signature	13: < 129	Date	Dec 28, 2006	Deposit Account User ID	